

19990810.ba v02_n632.bam.990810

>From ???@??? Wed Aug 11 02:53:55 1999
Message-Id: <199908101702.d7AH2kx10123@sco.theporch.com>
Date: Tue, 10 Aug 1999 12:02:19 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2632

BOATANCHORS Digest 2632

Topics covered in this issue include:

- 1) DIPOLE NOTES A LA BOBBI
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 2) JACKSON 637 TT
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 3) RE: DIPOLE NOTES A LA BOBBI
by "Ed Tanton" <n4xy@att.net>
- 4) Re: DIPOLE NOTES A LA BOBBI
by "Roberta J. Barmore" <rbarmore@indy.net>
- 5) RE: DIPOLE NOTES A LA BOBBI
by "Roberta J. Barmore" <rbarmore@indy.net>
- 6) Re: question about dc filter choke in power supply
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
- 7) Meters for the AR88
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 8) RE: DIPOLE NOTES A LA BOBBI
by "Ed Tanton" <n4xy@att.net>
- 9) Re: Meters for the AR88
by luc dugas <collins2@globetrotter.net>
- 10) Hallicrafters SX 100
by "Jesus Gonzalez" <jesus@tecun.sld.cu>
- 11) Re: 1955 Handbook gems (Collins)
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 12) Re: Hallicrafters SX 100
by Al Parker <anchor@coastalnet.com>
- 13) WTB: R388 or 51J
by "Bill Coleman" <n2bc@stny.rr.com>
- 14) FS: Excess gear!... "Moving Sale"
by "Sandy W5TVW" <ebjr@worldnet.att.net>
- 15) Re: DIPOLE NOTES A LA BOBBI
by "Arden Allen" <gumbear@pacbell.net>
- 16) Re: DIPOLE NOTES A LA BOBBI
by "Mike B. Feher" <n4fs@monmouth.com>
- 17) strange receiver
by luc dugas <collins2@globetrotter.net>
- 18) WTB: Manual or need info on 476-D1 Collins

by "Dan 'Hank' Arney" <kn6di@groupone.net>
19) Re: DIPOLE NOTES A LA BOBBI
by Bill Hawkins <bill@iaxs.net>
20) Another One Down
by Dick Dillman <ddillman@igc.apc.org>
21) RE: DIPOLE NOTES A LA BOBBI
by "Jim Berry" <basalop@gte.net>
22) Re: DIPOLE NOTES A LA BOBBI
by "Spencer Petri" <wa5jci@flash.net>
23) W2CQH solves 18V dynamotor connundrum, NASCAR
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
24) Feedline notes, was RE: DIPOLE NOTES etc.
by "Roberta J. Barmore" <rbarmore@indy.net>
25) Re: Homemade Boatanchors...
by Jack Harper <jharper@bsi2000.com>
26) RE: DIPOLE NOTES A LA BOBBI
by Richard Loken <richardlo@devax.admin.athabascau.ca>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Mon, 9 Aug 1999 14:03:59 -0400 (EDT)
Subject: DIPOLE NOTES A LA BOBBI
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9908091403.aa10042@pcusa01.ecunet.org>

Re: Bobbi's response on Zepps...

Open wire balanced feed line easily made using 14 ga stranded *insulated* wire. Insulation means less to worry about. Cheap, about \$18 per 500' roll at electrical supply.

I don't go crazy trying to maintain same spacing & parallelism of wires. Matchbox will sort out whatever eccentricities & impedancal (nice twist of word, huh?) indignities occur back to 50 ohms R.

On my 40' run of this, I wanted about 4-6" spacing. Use electrical tape here & there as spacers. When it gets close to house, a couple of 6" long tv leadin standoffs, then to two holes drilled into wooden siding, about 5" apart.

BTW, you can just extend the feedline into the antenna itself. That way, no splices of any sort & much less worry about insulators with insulated wire. Mine's up in the trees, nary a problem even when wet & 600 W.

P.s. What is the prefix of Outlandishstan?

-John Sehring (Sun, Aug 8, 1999 Custer SD USA) UCC WB0EQ

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Mon, 9 Aug 1999 14:04:00 -0400 (EDT)
Subject: JACKSON 637 TT
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9908091404.aa10060@pcusa01.ecunet.org>

To: boatanchors@theporch.com

I've got a Jackson 634 tt. It small, emission tube tester from about 1940.
I keep to test the verrrry olde tubes.

Also have a 648. It's from about 1947 & much larger than the 634. Its
paper hints at it being a mutual transconductance tester but I wonder...
It uses only a 1S4 tube. I'd expect at least an Hg-vapor 83 too for it to
measure Gm.

So, the 637 must fit in between those models, right? Doubt if it's
anywhere near TV-7D class.

-John Sehring (Sun, Aug 8, 1999 Custer SD USA) UCC WB0EQ

From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: DIPOLE NOTES A LA BOBBI
Date: Mon, 9 Aug 1999 14:15:30 -0400
Message-ID: <NBBBJDEEIFDDANGEGHLBGEIAGIAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One thing THIS just solved for me... several years ago, the idea of using
small drink stirrers occurred to me. I found a box of 100 or so pretty
cheaply, and then remembered that UV would probably wipe out the cheap
plastic sticks in no time flat. They are still downstairs in their little
box.

Today: INSPIRATION: use the stirrers as stiffeners inside the black tape!!!
UV seems to be much less capable of deteriorating common plastic electrical
tape-for some reason-and it ought to last a good while!

Thanks guys!

Date: Mon, 9 Aug 1999 13:39:14 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DIPOLE NOTES A LA BOBBI
Message-ID: <Pine.SUN.4.10.9908091322200.16847-1000000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Outlandishstan, or *Deepest* Outlandishstan? I'm thinkin' one of 'em is "OU2," and the other is "2T2T" after the steamboats that first explored the area in 1978, but I'm probably wrong.

On a more serious note, Varney (G5RV) has a nice balanced antenna matcher in one of the RSGB antenna books; takes several coils (on 40mm tubing, which those of us on the other side of the tracks can replace with 1.5" stuff) and a big switch (3P4T, I think) in addition to the usual variable condensers but it looks like a very good way to go to match a center-fed Zepp to a newer rig that wants to see 50-75R unbalanced. The unobtainium count for this gadget is awfully low--I suspect between Ocean State and RF Parts, a person with limited junkbox/hamfest could come up with the the entire kit *and* a kaboodle to put it in.

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Date: Mon, 9 Aug 1999 13:41:01 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: DIPOLE NOTES A LA BOBBI
Message-ID: <Pine.SUN.4.10.9908091339560.16847-1000000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Black tape? Eeeeeee.... Well, it'll do, and it does hold up pretty well to UV. However, they make nice black, UV-rated heat shrink that doesn't get all gooey in the sunlight. :)

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Message-ID: <37AEEB5F.6BA1@lehigh.edu>
Date: Mon, 09 Aug 1999 14:53:19 +0000
From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: question about dc filter choke in power supply
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

zeitler@ibm.net wrote:

>
> The next project is a dc power supply that will go as high as 4500 vdc at 1
> amp CCS. I will be using a new Dahl xmfr and a dc resonant filter choke
> followed by a cap. This is going to be the universal power supply for
> numerous amp projects.
>
> Scenario: Output E of one of the taps is 2400 vac. Using a full wave bridge
> followed by a resonant choke I get 2150 vdc at the output; approx. 90%.
> This is where it should be using only a choke.
> Now follow the choke by a cap. In this case 15uF at 5 kv (just happened to be in
the junk box). Now the output voltage is 2480 vdc.
> The "output factor" went from .9 to 1.05.
> Why the increase in output voltage when the cap is in place?
> 90% of xmfr secondary voltage with just choke and 105% with the choke
> followed by the cap.
>
> I am sure the answer is very basic but for some reason I lost the concept.
>
> Help!
>
> Lane Zeitler
> Ku7i
> San Diego

I is your meter. The signal you get from the rectifier and choke is "pulsating DC", that is, DC with a lot of ripple. Your meter, if it is a DC meter, will tend to measure the DC value only. When you filter it, some of the "pulsating stuff" gets smoothed out to give you more

DC. If your meter is responding to the RMS value of the stuff, then it will read higher because the "pulsating stuff" has some energy value and that's what RMS is supposed to measure. But you want DC, so you have to run that signal into some capacity to smooth out the ripple. Now the energy in the peaks is less (you do want to get rid of the ripple, don't you?) so your meter reads less. It would be illuminating to look at the signal on a 'scope and see the difference.

Art K3HBA

Message-Id: <37AF2485.3F0E0AFE@ppdu.nrl.navy.mil>

Date: Mon, 09 Aug 1999 14:57:09 -0400

From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>

Mime-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Meters for the AR88

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang,

I have had a number of inquiries about S-meters for the AR-88. A friend of mine named John Reynolds in England has in the past provided me with a meter and circuit description to be added to the AR-88. He has had a number of requests and is currently way behind in filling any orders. Next time I am in the UK, I will pick as many as I can and post a notice on the BoatAnchors list.

Paul Bernhardt, KF4FOR

From: "Ed Tanton" <n4xy@att.net>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: "Old Tube Radios" <boatanchors@theporch.com>

Subject: RE: DIPOLE NOTES A LA BOBBI

Date: Mon, 9 Aug 1999 15:09:15 -0400

Message-ID: <NBBBJDEEIFDDANGEGHLBAEIEGIAA.n4xy@att.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Of course, the shrink tubing won't wrap around the 2 wires. These stirrers are about 5 inches long too-perfect for OWL! just lay a piece of tape down-sticky side up-and put a stirrer dead center of the tape-with the direction of the tape. Then put a wire on either side of the stirrer, perpendicular to the tape. Fold the tape over, and voila! Instant Open Wire Line w/spacer. It'll be interesting to see how it holds up.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

Message-ID: <37AED392.4BBA4B02@globetrotter.net>
Date: Mon, 09 Aug 1999 14:11:47 +0100
From: luc dugas <collins2@globetrotter.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Meters for the AR88
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

most of the ar-88 doesn't have a meter but they prewired to connect one. i
can supply you a meter but it is very expensive. luc ve2lgj 73s

Paul Bernhardt wrote:

> Gang,
> I have had a number of inquiries about S-meters for the AR-88. A
> friend of mine named John Reynolds in England has in the past provided
> me with a meter and circuit description to be added to the AR-88. He
> has had a number of requests and is currently way behind in filling any
> orders. Next time I am in the UK, I will pick as many as I can and post
> a notice on the BoatAnchors list.
> Paul Bernhardt, KF4FOR

Message-Id: <199908091959.PAA22986@infomed.sld.cu>
From: "Jesus Gonzalez" <jesus@tecun.sld.cu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hallicrafters SX 100
Date: Tue, 10 Aug 1999 03:56:09 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I need some help with one SX 100. Please tell me where in the web can I find
the manuals or schematics, may be someone has an extra one?
Thanks in advance, Jesus, C02JG

Date: Mon, 9 Aug 1999 18:41:05 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: Re: 1955 Handbook gems (Collins)
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199908091841_MC2-8068-3B81@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Hank & Group,

Generator was probably a PE-95, standard generator for the SCR-299/399/49=9.

PE-104 is the little vibrator supply that runs the receiver in the BC-65=4.
=

What's a "Gray Lady"?

Robert Downs
WA5CAB
Houston

Message-Id: <3.0.5.32.19990809191528.0089f170@mail2.coastalnet.com>
Date: Mon, 09 Aug 1999 19:15:28 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: Hallicrafters SX 100
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:56 AM 08/10/1999 -0400, Jesus Gonzalez wrote:
>Please tell me where in the web can I find the manuals or schematics,

Hi,
try the Hallicrafters Collector Assn website. www.Hallicrafters.org.
There's a library, some items online, more available by mail copies, to
members. It's free to join, if you've got a Hallicrafters, or are
interested, you oughta.
73,

Al, W8UT
New Bern, NC
Boat Anchors appreciated here
anchor@coastalnet.com

Message-ID: <001301bee2c3\$31db2c60\$49915f18@basement.stny.rr.com>
From: "Bill Coleman" <n2bc@stny.rr.com>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: R388 or 51J
Date: Mon, 9 Aug 1999 19:59:18 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Stocking up for winter projects! Looking for a restorable R388 or 51J-3 or 51J-4. Any out there? Pls send description, target price. Many thanks,
Bill N2BC

Message-ID: <000201bee2d1\$b9713940\$c5ef490c@SandyBlaize>
From: "Sandy W5TVW" <ebjr@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Excess gear!..."Moving Sale"
Date: Mon, 9 Aug 1999 19:15:21 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

I'll be moving in a month and I'm trying to lighten the load a bit.

Following gear is for sale:

Heathkit "Novice station", HR-10B/HG-10B/DX-60B. All in excellent condition.
Receiver and transmitter have SO-239 sockets instead of RCA phono jacks for input/output. VFO input/output on VFO and transmitter are female BNC jacks.
Receiver has solid state rectifier added and voltage regulator in socket of former 6X4. Easily reverseable if someone really *wants* original tube rectifier!
\$200 firm plus shipping packing.

Hickok Model 800A tube/transistor tester. Excellent condition, with copies of settings for supplemental types (not on roll chart), and instruction/maintenance manual. Red leatherette covering on outside of case worn at the corners.
\$100 plus shipping/packing. This is somewhat similar to the

Military TV-7
tube checker.

I also have some tubes for sale/swap: 4E27, 808, 2C34, 6080,
872.

73,
Sandy W5TVW

Message-Id: <199908100244.TAA16211@mta2.snfc21.pbi.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DIPOLE NOTES A LA BOBBI
Date: Mon, 9 Aug 1999 19:46:04 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang;

Some years ago I planned a 135 ft dipole with an open wire feeder and I decided to make my own feed line. One day while shopping at one of the discount chains I came upon plastic clothes hangers. They are made of poppypropylene rod about 3/8 inch in diameter. I bought a heap of them and determined that I could get five spreaders out of each hanger. On the UV deterioration problem, I figured the only way to find out is put it up there and see how long it lasts. Well, you know the rest of the story.....it's still on my list of too-do's. I still think it's a great idea though.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <012601bee2de\$4848cbe0\$0626bfd1@n4fs>
From: "Mike B. Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DIPOLE NOTES A LA BOBBI
Date: Mon, 9 Aug 1999 23:13:10 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Arden's idea is a great one, one that I implemented about three years ago. I got the clothes hangers at a flea market. I have about 100 feet of ladder line with 6 inch spacing. I had a bunch of old ceramic spreaders but not

enough. I had to make about a dozen from the hangers. I used the bottom hanger length only as there was no other place that would give me the length I needed. I could make two from each hanger. First I drilled three holes spaced 6 inches apart about 3/16" in diameter. Then using a fine saw I cut down the middle of each hole giving me two pieces 6 inches long with notches in the ends. Then I drilled a 1/16" hole in parallel to each notch about 1/2" back from the notches. Now it is a simple case to attach the wire. Place the feedline in the notch and a short bus wire through the hole and then bend the bus wire over the feedline and twist it a few times and cut off the rest. As to UV, they have been up for 3 years with no visible degradation. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

Message-ID: <37AF4F5E.B2EE10B9@globetrotter.net>
Date: Mon, 09 Aug 1999 22:59:58 +0100
From: luc dugas <collins2@globetrotter.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: strange receiver
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

scanning through my collection i found a TMC FFR3 receiver. it tunes from vlf through 32 mhz usinf 8 tunig drawers.drawers wear designation like FFRD-1 FFRD-2 ETC.

does someone have other info or at least a schematic?
it work but need calibration. i tune chu canada at 7000 khz instead of 7335 khz etc.

luc ve2lgj 73s

Message-ID: <37AFAB73.99E51BC0@groupone.net>
Date: Mon, 09 Aug 1999 21:32:51 -0700
From: "Dan 'Hank' Arney" <kn6di@groupone.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: Manual or need info on 476-D1 Collins
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need a manual on a Collins 476-D1 Distortion analyzer - monitor unit.

Goes from IF to 32Mhz. Need dial stringing info badly as my bookkeeper turn the dial to look at it and yep it came off of the drum and you known the rest. It appears that the receiver has to have all modules removed and torn down to about 90% to get to the lower dial and pulley. NO FUN.

This thing is heavy and has a whole bunch of tubes.
Hank,

Date: Mon, 9 Aug 1999 23:47:43 -0500 (CDT)
From: Bill Hawkins <bill@iaxs.net>
Message-Id: <199908100447.XAA10638@citrus.iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DIPOLE NOTES A LA BOBBI

Glad to hear the plastic hanger spacers haven't crumbled away yet. I worked in a plant that "spun" polypropylene into fiber for carpets and upholstery (Herculon). The chemists had quite a time finding something that would stabilize it for UV exposure inside a house. Dunno that a coathanger would also have that additive. Maybe the heavy pigment slows down the deterioration, but those zillions of polymer chains are being fractured by UV. Can't say that about ceramic.

Regards,
Bill Hawkins, who is not a polymer chemist

Date: Mon, 9 Aug 1999 21:56:25 -0700 (PDT)
Message-Id: <2.2.16.19990809214204.22cff790@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Another One Down

This from the FCC courtesy of WA6UZX:

AT&T CORPORATION. Authorized AT&T to discontinue its High Seas HF radiotelephone service through its three Maritime Mobile Public Coast Stations, KMI at Dixon, CA, WOM at Pennsuco, FL and WOO at Ocean Gate, NJ, effective 60 days after release of this order. Action by Chief, International Bureau. Adopted: August 6, 1999. by MO&O. (DA No. 99-1567). IB

As many know AT&T wanted to close these stations down in February but the FCC balked. The writing was plainly on the wall, though.

Back in the 70s I visited the KMI receive site on the Pt. Reyes peninsula. In our research connected with various radio restoration projects we have come across pictures of the KMI building - it was tiny! - from the late 20s or early 30s judging by the cars. When I arrived the place was hopping with live ops, Collins 51S-1 receivers, a dozen speakers going... And there were also point-to-point receivers. Great large beasts 6ft. tall and three racks wide. When you tuned them you essentially did a complete receiver alignment. They were known as LD receivers... LD for Long Distance.

KMI gave their traffic list in voice and later in FEC SITOP. But they also gave in Morse! Hard to believe but I actually have it on tape.

Later the operators had consoles that allowed them to touch a spot on a map and automatically switch in the antennas for that location. The LD receivers were long gone. Later still all operations were remoted to Florida and KMI became a quiet place.

A couple of months ago Tom Horsfall, WA6OPE and I visited KMI. There was one op on duty. He was like the last ant in a dying ant farm. He waved a hand in the general direction of the remaining consoles. All the receivers were on. You could hear the low crackle of static. But no voices. During our visit not one ship called for KMI. And he said they got maybe one call a week now.

Another familiar HF voice is now silent.

Regards,

Dick

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From: "Jim Berry" <basalop@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: DIPOLE NOTES A LA BOBBI
Date: Mon, 9 Aug 1999 22:43:12 -0700
Message-ID: <000b01bee2f3\$3bceee20\$94000f3f@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Arden Allen said:

>
> discount chains I came upon plastic clothes hangers. They
>
> hanger. On the UV > deterioration problem,

Even if you can't get on the ladder line project right now, take a few whatever you think you would like to try out for spacers out in the sun and see what happens. I been meaning to do this with some plastic clothes hangers myself for the last couple of years.

Back in the old days they used to use dowels boiled in paraffin. You can get boxes of wooden popsicle sticks at a craft store. One might be able to find all kinds of strange things that can be used for spreaders at a craft store. Just remember to plant a few out in the XYL's flower patch for the UV test ...

73 Jim K7SLI

Message-ID: <00aa01bee2f4\$131b33c0\$9e271ed1@wa5jci>
From: "Spencer Petri" <wa5jci@flash.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DIPOLE NOTES A LA BOBBI
Date: Tue, 10 Aug 1999 00:49:11 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings,

I use a slightly elongated 75 meter doublet, center fed with homebrew open wire feedline but I was lucky enough to get ceramic spreaders from Fair Radio some years back. I used the Radio Shack copper antenna wire with the spreaders and a 275 watt Johnson matchbox. Works great from 75 down to 10 meters.

Looks like an antenna ought to look.

es 73 de Pete WA5JCI EM21

6 meter VUCC # 361
2 meter VUCC # 346

Date: Tue, 10 Aug 1999 08:55:42 -0400
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199908101255.IAA10433@aaa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com, sars-refl@g10.com
Subject: W2CQH solves 18V dynamotor connundrum, NASCAR

Jack et al:

Reed noted that a Mk III IFF was the 1st surplus thing he ever owned back in '54.

He sed it came with a carbon pile regulator in series w. 22-30V aircraft supply to keep the dyno input regulated.

And as you noticed, the dyno turns the codewheels.

Per Julius Ceaser: res ipso loquitor.

Per Reed: bionic women had notorious problems with carbon piles in their intestinal tracts. The regulators are just their ticket and, hence, is the reason they've all disappeared since ww2.

Respectfully,

Marty

...if anyone cares in Atlanta area, Bobby Labonte is coming to Varsity Jr restaurant here 2P Tues. (today). One 'o my kids'll be there with a '87 T-bird turbo that was the 3-87 AIR pace car.

I put a 12SQ7 in the back seat to make this BAG (boat anchor germaine)

Date: Tue, 10 Aug 1999 08:09:05 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Feedline notes, was RE: DIPOLE NOTES etc.
Message-ID: <Pine.SUN.4.10.9908100747060.24498-100000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Not to be too much of a wet blanket but they *do* still make the heavy-duty "windowed" transmitting twinlead, which appears to have

excellent UV performance.

It's more costly than using your own wire and homebrew spreaders, but it does shed rainwater well and is a little better about ice build-up thanks to the dark color and smooth surface. One trick I've read but not tried, they say a nice rubdown with "Armor All" or the like *really* makes the water run right off. Well-waxed wood (etc.) would have a similar effect (for homebrew line, you might want to apply something weather-resistant and slick to the wire, especially if you live in a rainy climate).

...I just remembered W7FG's website had a link to a fellow who *was* still making ladder line, too. Has anyone tried it?

It's been brought up before in this thread, and still worth remembering, the good ol' Faraday or electrostatic shield is very handy between coils when coupling an unbalanced source to a balanced load or vice versa. By reducing the capacitive element as much as possible, it preserves the balance. (A notion I come at backwards, having learned it the hard way with audio!)

Must admit, I think ladder feedlines are the perfect compliment to a BA station; still remember visiting a fellow near Chicago several years back and knowing we were at the right house when I spotted "elf ladders" climbing towards the sky!

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Message-Id: <4.1.19990810072140.00af8880@mail.pcisys.net>
Date: Tue, 10 Aug 1999 07:23:00 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: Re: Homemade Boatanchors...
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The BA List members that have asked me for a copy of the Homemade Boatanchors story -- please give me a couple of days to get them all out -- I have about 50 requests at the moment.

Regards to all...

Jack, W0YJ (Friend to all things Hammarlund)

Jack Harper
303-231-9095

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Date: Tue, 10 Aug 1999 11:02:07 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: RE: DIPOLE NOTES A LA BOBBI
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id:
<Pine.PMDF.3.95.990810105656.541163699A-1000000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

On Mon, 9 Aug 1999, Jim Berry wrote:

> Back in the old days they used to use dowels boiled in paraffin. You
> can get boxes of wooden popsicle sticks at a craft store. One might
> be able to find all kinds of strange things that can be used for
> spreaders at a craft store. Just remember to plant a few out in the
> XYL's flower patch for the UV test ...

You should also take a sample of whatever it is and throw it in the microwave and see if it gets warm - that will give you an idea how lossy it is when it is bathed in RF.

Meanwhile when I built my balanced doublet 10 years ago I called the local emporium and got about three dozen 4" ceramic insulators - they were in H.H.Smith bags with an H.H.Smith part number but each insulator was embossed with "Johnosn". Gee I wonder who they were? :)

I think it is time to pull that dipole down and rebuild it. Maybe this time I will use insulated wire for the 65' of balanced line.

Richard Loken VE6BSV, Systems Programmer - VMS
Athabasca University

Athabasca, Alberta Canada
** richardlo@admin.athabascau.ca **

End of BOATANCHORS Digest 2632
